

MISCELLANEOUS BITUMINOUS ITEMS FIELD SECTION 400

400.1 SCOPE. To establish procedures for inspection, acceptance, and reporting of bituminous related items not specifically tied to a specification.

400.2 SLURRY SEALS.

400.2.1 Apparatus. Appropriate scales and weight containers, furnished by the contractor, for weighing and calibrating the mixing machine to assure uniformity of mixture and specification compliance.

400.2.2 Procedure.

400.2.2.1 Qualified List. A list of slurry seal applicators with qualified procedures and materials is shown in [Table 1](#) of this section. The list only identifies those who have been approved by Project Operations - Materials to supply the slurry seal process in the past. The mix design, specific materials, and procedures required by the specifications are still required to be checked on new work.

400.2.2.2 Mixture Approval. Approved applicators are required to furnish a list of materials, proportions, and test results for approval, including a certification that the mixture is the same as that previously qualified. Minor adjustments in mixture proportions are allowed, however, major changes in aggregate sources or other emulsion types should be submitted to Project Operations-Materials for re-evaluation.

400.2.2.2.1 New slurry seal applicator information as required in the specification should also be sent to Materials for evaluation and possible addition to the qualified list.

400.2.2.3 Sampling. All materials should be inspected for specification compliance prior to use. Samples may be taken any time during application, as needed to assure compliance.

400.2.2.4 Calibration. Successful application is dependent upon uniform and accurate combination of the materials. Each material control device is required to be calibrated and marked for adjustments so that the proportions can be determined at any time. Within the limits of the specification, slight adjustments may be necessary to compensate for job conditions.

400.2.2.5 Sample Record.. The emulsion, mineral aggregate, and portland cement are to be inspected and quantities reported through Site Manager.